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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/648,143	08/25/2003	Richard Harvey	063170.6610	3235
5073	7590	04/01/2009		
BAKER BOTTS L.L.P. 2001 ROSS AVENUE SUITE 600 DALLAS, TX 75201-2980			EXAMINER CUMARASEGARAN, VERN	
			ART UNIT 3629	PAPER NUMBER
			NOTIFICATION DATE 04/01/2009	DELIVERY MODE ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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Office Action Summary

Application No.

10/648,143

Applicant(s)

HARVEY ET AL.

Examiner

VERN CUMARASEGARAN

Art Unit

3629

Period for Reply -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 January 2009.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 7-26 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 7-26 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SE/08)
- Paper No(s)/Mail Date 11/14/08, 1/9/09, 3/9/08
- 4) ☐ Interview Summary (PTO-413)
- Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 7-9, 14-16, 21-23 are rejected under 35 U.S.C. 102(e) as being anticipated by Caviles (US 6,752,313 B1).

As to claims 7, 14, 21 Caviles shows providing a data repository storing a hierarchy of objects (col.8 lines 61-64 *where in order for hierarchy information to be displayed it would have to be stored in a database shown in Fig.3*);

storing at least one first Business Service object under a first Business Entity object identifying a first business entity, the first Business Service object identifying a business service that is provided by the first business entity (Fig.1 “*acquiring bank*” *where information regarding payments made to merchants by the acquiring bank would be stored by the bank*);

storing a Business Service Projection object under a second Business Entity object identifying a second business entity, the Business Service Projection object identifying that the second business entity offers an interface to the business service provided by the first business entity (Fig.1 “*issuing bank*” *where the payments to*

merchant would be projected under the issuing bank. The interface offered by the second business entity is considered to be the credit card);

using one or more processing systems to receive a modification to the first Business Service object; and using the one or more processing systems to automatically modify the Business Service Projection object in response to receiving the modification to the first Business Service object (col.4 lines 43-47 *where first Business Service objects would include transaction information from the merchant*).

As to claims 8, 15 and 22, Caviles show representing an alternative name (col.2 ln.57-59 "VISA"), including representing the alternative name by a Directory technology alias feature (Fig.3 *where information is stored in databases. Directory technology is interpreted to be a database*).

As to claims 9, 16 and 23, Caviles show alias feature being embodied in an alias object including a naming attribute with a value being an alternative name (VISA) and including an alias object name with a value being a name of Directory object to which the alias points (Fig.5 *where when a MID table is updated, it is inherent that a pointer to the information would be included in the database*).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 10-13, 17-20, 24-26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Caviles.

As to claim 10, 17 and 24, examiner takes **official notice** that it is old and well known in the art to delete a data object in a database upon a request for deletion. For example, when a subscriber to an email list requests to be removed, the subscriber's information would be deleted from the email list. Therefore, it would have been obvious to one of ordinary skill in the art to incorporate a deletion feature since the claimed invention is merely a combination of old elements, and in the combination each element merely would have performed the same function as it did separately, and one of ordinary skill in the art would have recognized that the results of the combination were predictable.

As to claims 11, 12, 18, 19 and 25, examiner takes **official notice** that it is old and well known in the art to have a search feature in a database. The search query and the search results are considered non-functional descriptive language and thus are not given patentable weight. Therefore, it would have been obvious to one of ordinary skill in the art to incorporate a search feature since the claimed invention is merely a combination of old elements, and in the combination each element merely would have performed the same function as it did separately, and one of ordinary skill in the art would have recognized that the results of the combination were predictable.

As to claim 13, 20 and 26, examiner takes **official notice** that it is old and well known that an issuing bank would not be able to make changes in an acquiring bank's database. One independent business would not have access to another independent

business's database. Therefore, it would have been obvious to one of ordinary skill in the art to incorporate a search feature since the claimed invention is merely a combination of old elements, and in the combination each element merely would have performed the same function as it did separately, and one of ordinary skill in the art would have recognized that the results of the combination were predictable.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to VERN CUMARASEGARAN whose telephone number is (571)270-3273. The examiner can normally be reached on Monday - Friday 8:30am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Weiss can be reached on 571-272-6812. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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/V. C./
Examiner, Art Unit 3629

/JOHN G WEISS/
Supervisory Patent Examiner, Art Unit 3629